

DECLARATION

☒ ORIGINAL  
☐ CONTINUATION  
☐ DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-4, of the invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE SUBSTRATE AND METHOD FOR MANUFACTURING THEREOF

Which is described and claimed in:

☒ the attached specification or  
☐ the specification in application Serial No. \_\_\_\_\_ filed \_\_\_\_\_ ☐ as amended on \_\_\_\_\_  
(for declaration not accompanying application) (if applicable)

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.

I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).  
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  
I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Korea	P97-64132	November 28, 1997	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application

(Application Serial No.) (Filing Date) (Status)

**POWER OF ATTORNEY:** As a named Inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.  
STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; MICHAEL J. RAM, Reg. No. 26,379; HIDEO KODA, Reg. No. 27,729; R. DABNEY EASTHAM, Reg. No. 31,247; JoANNE S. REDMANN, Reg. No. 31,482; SONG K. JUNG, Reg. No. 35,210; WILLIAM H. WRIGHT, Reg. No. 36,312; PETER J. GLUCK, Reg. No. 38,022; JONATHAN Y. KANG, Reg. No. 38,199; DAVID L. LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690

Send correspondence to:  
LOEB & LOEB LLP  
10100 Santa Monica Blvd., 22nd Floor  
Los Angeles, California 90067-4164

DIRECT TELEPHONE CALLS TO:  
Song K. Jung  
(310) 282-2338

(Please Print)

1	Name of Inventor	LAST NAME KIM	FIRST NAME Woong-Kwon	MIDDLE NAME	Residence: CITY Ahnyang-Shi	STATE or COUNTRY Republic of Korea
	Post Office Address 958-39 Hogae 1 Dong Dongahn-Ku Ahnyang-Shi, Kyoungki-Do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon

SIGNATURE OF INVENTOR 1

*Woong Kwon Kim*

DATE Nov. 19, 1998

(Please Print)

2	Name of Inventor	LAST NAME CHOI	FIRST NAME Jae-Beom	MIDDLE NAME	Residence: CITY Seoul	STATE or COUNTRY Republic of Korea
	Post Office Address 5-31 Ohkin Yeonlib Ohkin-Dong Jongro-Ku, Seoul, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 2		JAE BEOM CHOI
DATE		NOV. 19 . 1998

(Please Print)

3	Name of Inventor	LAST NAME BAE	FIRST NAME Sung-Sik	MIDDLE NAME	Residence: CITY Ahnyang-Shi	STATE or COUNTRY Republic of Korea
	Post Office Address 533 Hogae-Dong Dongahn-Ku Ahnyang-Shi, Kyungki-Do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 3		SUNG-SIK BAE
DATE		NOV. 19 . 1998

(Please Print)

4	Name of Inventor	LAST NAME HWANG	FIRST NAME Kwang-Jo	MIDDLE NAME	Residence: CITY Ahnyang-Shi	STATE or COUNTRY Republic of Korea
	Post Office Address 951-13 Hogae-Dong Dongahn-Ku Ahnyang-Shi, Kyoungki-Do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 4		Kwang Jo Hwang
DATE		NOV. 19 . 1998

## REVOCATION AND NEW APPOINTMENT OF POWER OF ATTORNEY

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:


The undersigned representative of LG.Philips LCD Co., Ltd., owner by virtue of assignment of the United States patent applications and patents listed on Schedule A attached hereto, hereby revokes any and all previous Powers of Attorney and appoints Steven B. Kelber, Reg. No. 30,073; Marc R. Labgold, Ph.D., Reg. No. 34,651; Song K. Jung, Reg. No. 35, 210; Sharon E. Crane, Ph.D., Reg. No. 36,113; Catherine Bax Richardson, Reg. No. 39,007; Kenneth D. Springer, Reg. No. 39,843; James M. Heintz, Reg. No. 41,828 and Amy L. Miller, Reg. No. 43,804 as Assignee's attorney with full power of substitution and revocation, to prosecute said patent application, receive any Letters Patent and to take any and all other actions with regard to this patent application and any Letters Patent issuing thereon, and request that all correspondence be sent to Steven B. Kelber of LONG ALDRIDGE & NORMAN, LLP whose post office address is: 701 Pennsylvania Avenue, N.W., 6<sup>th</sup> Floor, Washington, D.C. 20004.

### CERTIFICATION UNDER 37 C.F.R. 3.73(b)

I, the undersigned, certify that I am an individual empowered to act on behalf of LG.Philips LCD Co., Ltd., the assignee of the entire right, title and interest of the above-identified application by virtue of an assignment from the inventor(s)

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

21 Oct. 1999  
Date Signed

 Ho Lee  
Person Signing  
General Manager  
Signor's Title